



Efectul fluctuațiilor climatice asupra unor însușiri fiziologice ale plantelor de floarea soarelui, la liniile restauratoare de fertilitate a polenului, create la S.C.A. Podu Iloaiei

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Special climatic fluctuations were noticed during the spring and summer of 2001 (temperature differences between night and day, low soil temperature, dense mist, unequally distributed precipitations), factors which negatively contributed to the growth and development of sun flower plants. The research object of this paper is the effect of this climatic conditions upon some morphological characteristics and physiological properties of 10 pollen fertility restoring lines characterized by consanguinity. The growth rhythm was determined using biometric measurements while the photosynthetic activity was established through the analysis of the assimilating pigments from the sun flower leaves.